## Synopsis of CAD/CAM Systems (Project #11-001) (9/11)

Dental CAD/CAM technology is gaining popularity, mainly due to its benefits of time and materials savings along with accuracy and esthetics of the restorations. There are numerous manufacturers of dental CAD/CAM systems on the market today. Dental CAD/CAM systems vary in fabrication material used, restorative indications, scanning device features, number of milling axis, size and speed. Deciding on which type of system to purchase depends on the clinical needs. The purpose of this synopsis is to accumulate information on dental CAD/CAM systems into a user-friendly form to give federal service customers a starting point for researching and purchasing dental CAD/CAM systems. Manufacturer consultations and Internet searches were conducted to provide the information for this synopsis. While not all-inclusive, this synopsis should provide an adequate source for information that will aid in the selection process of a CAD/CAM System.

A number of manufacturers provide CAD/CAM systems with chairside intraoral scanners. Intraoral scanners are used by dentists to create a digital impression of patient's teeth. This can potentially increase productivity by eliminating the traditional impression process, increasing patient comfort and relieving patient anxiety. Digital impression files can be sent to an in-office milling machine, in-house laboratory or outsourced to fabricate numerous types of prostheses. These files can also be sent to a 3D printer to fabricate models, wax-ups, copings, partial denture frameworks or drill guides.

Laboratory CAD/CAM systems generally consist of a scanner, design PC and a milling machine and or 3D printer. Laboratories receive digital impression files from a dentist or use a laboratory scanner to scan traditional models to create digital models. Once the digital image is captured, the technician designs the prostheses then sends the file to the milling machine for fabrication. Speed and accuracy of the scanner should be considered when purchasing a CAD/CAM system. Design software varies amongst manufacturers, so extensive research should be made before purchase. Milling machines vary in size, speed, and in which restorative materials can be used. An important feature in a milling machine is the number of axes in which it can mill.

Technical support and warranty should also be considered when purchasing a CAD/CAM system. Many manufacturers offer 24/7 technical support while others do not. Warranties also vary and some companies may offer a service agreement at additional cost.

The following <u>synopsis</u> consists of tables listing selected CAD/CAM systems, their manufacturers, and basic product information. The products are listed alphabetically by manufacturer. When reviewing the tables, please keep in mind that the information has been provided by the manufacturers, and not necessarily confirmed by DECS evaluation.

Click here to view the CAD/CAM Systems.

Product	Cercon
Troduct	
Manufacturer	Dentsply Prosthetics
	570 West College Avenue
	York, PA 17405
	(800) 243-1942
	(214) 906-2099
	(877) 630-2894 FAX www.prosthetics.dentsply.com
Vendor	Dentsply Prosthetics
	, ,
GSA Item Number	Yes Carcon CAD #555201, Carcon CAM, w/ Hoat Blue#555401, w/ Hoat #555400
Fabrication Material	Cercon CAD #555201, Cercon CAM w/ Heat Plus#555401, w/ Heat #555400 Zirconia, Base Resin
Restorative	ZIICUIIIA, DASE RESIII
Indications	Crowns/Bridges, Custom Implant Abutments, Telescoping Crowns
Scanner Type	Laser
Chairside Scanner	Lasei
Dimensions (inches)	N/A
Lab Scanner	TWA
Dimensions (inches)	20W x 20H x 25D
Scan Speed	
-Chairside Scanner	N/A
-Lab Scanner	20 Seconds Per Die
Milling Unit	
Dimensions (inches)	26W x 20H x 33.5D
Milling Unit Details	4 Axes
Milling Speed	8.57 Units Per Hour
Software Details	Cercon Art Software
Dongle Fee Intraoral Scanner	No
Price - Retail	N/A
- Govt	N/A
Lab Scanner Price	
- Retail	\$9,999.00
- Govt	\$9,999.00
Chairside Milling Unit	
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	#70 F00 00 / O Heat Block F1 040 00 / O
Price - Retail	\$70,500.00 w/ Cercon Heat Plus \$57,918.00 w/ Cercon Heat
- Govt	\$67,309.88 w/ Cercon Heat Plus \$55,297.21 w/ Cercon Heat  2 Year
Warranty Additional	12 months extended warranty plan available for milling unit (\$2,500.00) and
Features/Comments	, ,
i catules/Collillelits	CAD system (\$400.00).

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*	
Product	CEREC Cierre Partal Systems H.G.	
Manufacturer	Sirona Dental Systems LLC 4835 Sirona Drive, Suite 100 Charlotte, NC 28273 (800) 659-5977 (704) 602-4347 (704) 587-9394 FAX www.sirona.com	
Vendor	Sirona	
GSA	Yes	
Item Number	CEREC AC, MCL, MC XL, inLab MC XL	
Fabrication Material	Porcelain, Leucite Ceramic, Lithium Disilicate, Composite, Zirconia, Acrylic,	
	Polyurethane, Metal CoCr Alloy, Meso Zirconia, Alumina Zirconia	
Restorative	Inlays, Onlays, Crowns, Veneers, Bridge Temporaries, Posterior/Anterior	
Indications	Substructures, Models, Wax Patterns, Cores, Frameworks, Wax-ups	
Scanner Type	Blue LED	
Chairside Scanner		
Dimensions (inches)	16.5W x 43.75H x 22.5D	
Lab Scanner		
Dimensions (inches)	16.5W x 16.75H x 11.14D	
Scan Speed		
-Chairside Scanner	2 Min Per Arch	
-Lab Scanner	1 Min Per Cast	
Milling Unit	18.75W x 9.75H x 17.38D or	
Dimensions (inches)	27.5W x 16.5H x 15.75 D	
Milling Unit Details	3 Axis Fully Rotational, Simultaneous Milling	
Milling Speed	10-12 Units Per Hour	
Software Details	Windows Based Proprietary	
Dongle Fee	Yes, for lower priced entry level units	
Intraoral Scanner		
Price - Retail	\$53,995.00	
- Govt	\$38,650.00	
Lab Scanner Price		
- Retail	\$14,995.00 (\$16,995.00 w/ training)	
- Govt	\$14,945.00 (includes computer and monitor)	
Chairside Milling Unit		
Price - Retail	\$36,000.00 MCL; \$66,000.00 MC XL	
- Govt	\$25,780.00 MCL; \$45,050.00 MC XL	
Lab Milling Unit		
Price - Retail	\$48,995.00 inLab MC XL; \$73,990.00 inLab MC XL Unlimited Dongle	
- Govt	\$34,370.00 inLab MC XL; \$51,335.00 inLab MC XL Unlimited Dongle	
Warranty	2 Years parts, labor and extensions	
Additional	Extensive onsite chairside and laboratory training. Only system (based on	
Features/Comments	configuration) that mills Porcelain, Ceramic, Leucite Ceramic, Composites, Zirconia, Acrylic, Polyurethane, Metal, Zirconia Abutments, Full Contour Zirconia, Metal &	
	Zirconia Understructures, Wax Patterns, Models and Crown Templates. Offers a full	
	scale digital network for restorative procedures.	

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

Synopsis of Dental CAD/CAM Systems <sup>*</sup>	
Product	Ceramill
	Recraniil mao 300
Manufacturer	Amann Girbach
	12169 Villa Rd.
	Spring Hill, FL 34609
	(800) 851-3719
	(352) 398-1409 FAX
Vendor	www.amanngirrbach.com Benco Dental
Item Number	Yes Ceramill Map 100, Ceramill Map 300, Ceramill Motion
Fabrication Material	Zirconia, Wax, Acrylic PMMA, Color PMMA
Restorative	Full Anatomical Crowns/Bridges, Anatomically Reduced Crown/Bridges,
Indications	Inlays, Onlays, Telescope Crowns, Implant Abutments
Scanner Type	Strip Light
Chairside Scanner	Outp Light
Dimensions (inches)	N/A
Lab Scanner	Ceramill Map: 100 16.8W x 12.9H x 23.7D
Dimensions (inches)	Ceramill Map: 300 16.8W x 16.3H x 28.3D
Scan Speed	
-Chairside Scanner	N/A
-Lab Scanner	4 Min Per Cast
Milling Unit	40.200 × 40.011 × 20.7D
Dimensions (inches) Milling Unit Details	18.3W x 16.9H x 28.7D 4 Axis
Milling Speed	6 Units Per Hour Full Contour
Software Details	Ceramill Mind
Dongle Fee	No
Intraoral Scanner	
Price - Retail	N/A
- Govt	N/A
Lab Scanner Price	
- Retail	\$18,818.00 Map 100; \$30,000.00 Map 300
- Govt	30% Discount Off Retail
Chairside Milling Unit	NI/A
Price - Retail - Govt	N/A N/A
Lab Milling Unit	INA
Price - Retail	\$40,000.00 Ceramill Motion
- Govt	30% Discount Off Retail
Warranty	1 Year
Additional	September 2011 new materials: Glass Ceramic, Non Precious Metal, Full
Features/Comments	Contour Zirconia. Milling machine features a Jaeger Spindle.

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*	
Product	D500/ Trios	
Manufacturer	3Shape, Inc. 571 Central Avenue Suite 109 New Providence, NJ 07974 (908) 867-0144 www.3shapedental.com	
Vendor	3Shape	
GSA	No	
Item Number	3Shape D500 3D Lab Scanner w/ Dental System Standard Software Package, 3Shape TRIOS Intraoral Scanner	
Fabrication Material	N/A	
Restorative Indications	Copings/Bridges, Full Anatomical Crowns, Wax-ups, Inlays, Onlays	
Scanner Type	Laser	
Chairside Scanner		
Dimensions (inches)	11L	
Lab Scanner		
Dimensions (inches)	13.4W x 11.4H x 13D	
Scan Speed		
-Chairside Scanner	1.5-2.5 Min Per Arch	
-Lab Scanner	60-75 Seconds Per Cast	
Milling Unit	NI/A	
Dimensions (inches) Milling Unit Details	N/A   N/A	
Milling Speed	N/A	
Software Details	3Shape	
Dongle Fee	Yes	
Intraoral Scanner	1.00	
Price - Retail	Contact Manufacturer For Pricing	
- Govt	Contact Manufacturer For Pricing	
Lab Scanner Price		
- Retail	\$17,900.00	
- Govt	\$17,900.00	
Chairside Milling Unit		
Price - Retail	N/A	
- Govt	N/A	
Lab Milling Unit Price - Retail	NI/A	
Price - Retail - Govt	N/A N/A	
Warranty	1 Year	
Additional	3Shape TRIOS fully compatible w/ 3Shape Communicate and 3Shape Dental	
Features/Comments	System.	
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<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

Synopsis of Dental CAD/CAM Systems*	
Product	D700/ D800
Manufacturer	3Shape, Inc. 571 Central Avenue Suite 109 New Providence, NJ 07974 (908) 867-0144 www.3shapedental.com
Vendor	3Shape
GSA	No
Item Number	3Shape D700 3D Lab Scanner w/ Dental System Premium Software Package 3Shape D800 3D Lab Scanner w/ Dental System Premium Software Package
Fabrication Material	N/A
Restorative Indications	Copings/Bridges, Full Anatomical Crowns, Wax-ups, Inlays, Onlays, Veneers, Over-press Crowns/Bridges, Post/Cores, Telescope Crowns, Custom Abutments, Implant Bars, RPD Design, Orthodontics
Scanner Type	Laser
Chairside Scanner Dimensions (inches)	11L
Lab Scanner Dimensions (inches)	14W x 11H x 13D
Scan Speed -Chairside Scanner -Lab Scanner	N/A 60-75 Seconds Per Cast
Milling Unit Dimensions (inches)	N/A
Milling Unit Details	N/A
Milling Speed	N/A
Software Details	3Shape
Dongle Fee Intraoral Scanner	Yes
Price - Retail - Govt	N/A N/A
Lab Scanner Price - Retail - Govt	\$25,000.00 D700; \$28,000.00 D800 \$25,000.00 D700; \$28,000.00 D800
Chairside Milling Unit Price - Retail - Govt	N/A N/A
Lab Milling Unit Price - Retail - Govt	N/A N/A
Warranty	1 Year
Additional	
Features/Comments	Also available as D710 And D810 w/ multi-die scanning capabilities
*Manufacturara provided the	data for these tables. The listing or omission of a product in this table does not imply

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	Synopsis of Dental CAD/CAM Systems*
Product	E4D DENTIST
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	2000
Manufacturer	D4D Technologies, LLC
	630 International Parkway Ste 150
	Richardson, TX 75081
	(972) 234-3880 (972) 479-1128 FAX
	(972) 479-1126 FAX   www.E4Dsky.com
Vendor	Henry Schein
	•
GSA Item Number	Yes E4D Dentist
Fabrication Material	E4D Dentist   Ivoclar (IPS Empress, eMax, ZirCAD), 3M (MZ100, Paradigm C), D4D BOB
raprication Waterial	(Burnout)
Restorative	(Dulliout)
Indications	Inlays, Onlays, Crowns, Veneers, Bridges, Implant Abutments
Scanner Type	Laser
Chairside Scanner	Laser
Dimensions (inches)	1.3W x 1.6H x10.4L
Lab Scanner	1.50V X 1.511 X 10.4L
Dimensions (inches)	N/A
Scan Speed	1477
-Chairside Scanner	11 Min Per Arch
-Lab Scanner	N/A
Milling Unit	
Dimensions (inches)	26.6W x 15.7H x 23.9D
Milling Unit Details	4.5 axis
Milling Speed	4-5 Units Per Hour Full Contour
Software Details	Autologic
Dongle Fee	No
Intraoral Scanner	
Price - Retail	\$121,995.00 Full System (milling unit included)
- Govt	\$104,764.00 Full System (milling unit included)
Lab Scanner Price	NI/A
- Retail	N/A
- Govt	N/A
Chairside Milling Unit	Briggd w/ Intragral Coopper
Price - Retail - Govt	Priced w/ Intraoral Scanner
	Priced w/ Intraoral Scanner
Lab Milling Unit Price - Retail	N/A
- Retail - Govt	N/A N/A
Warranty	2 Years w/ SOS support unlimited, all software upgrades
Additional	Scans from mouth, impression and model. E4D LabWorks and E4D Studio
Features/Comments	also available for purchase.
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	Synopsis of Dental CAD/CAM Systems*
Product	Everest
Manufacturer	KaVo Dental
Wallulacture	11727 Fruehauf Drive
	Charlotte, NC 28273
	(888) 275-5286
	(704) 927-0816 FAX
	www.kavo-everest.com
Vendor	KaVo
GSA	No
Item Number	Everest Scan Pro, Everest Engine
Fabrication Material	Everest BIO HPC-Blank, Everest BIO ZH-Blank, Everest G-Blank, IPS e.Max
	CAD, Everest Bio T-Blank, Everest C-Cast, Everest C-Temp-Blank
Restorative	Copings/Bridges, Full Anatomical Crowns, Inlays, Onlays, Veneers, up to 14
Indications	components
Scanner Type	Optical
Chairside Scanner	
Dimensions (inches)	N/A
Lab Scanner	4C 0W v 4C ELL v 20 ED
Dimensions (inches) Scan Speed	16.9W x 16.5H x 20.5D
-Chairside Scanner	N/A
-Lab Scanner	3-4 Minutes Per Cast
Milling Unit	o i imitato i di dadi
Dimensions (inches)	34.6W x 46.1H x 32.9D
Milling Unit Details	5 Axis
Milling Speed	Contact Manufacturer For Details
Software Details	KaVo Everest Energy Software
Dongle Fee	Contact Manufacturer For Details
Intraoral Scanner	
Price - Retail	N/A
- Govt Lab Scanner Price	N/A
Lab Scanner Price - Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Chairside Milling Unit	Contact Manufacturer For Friends
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	
Price - Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Warranty	Contact Manufacturer For Details
Additional	E contitue Cintain Continue
Features/Comments	Everest Therm Sintering Oven also available for purchase

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

Synopsis of Dental CAD/CAM Systems*	
Product	Intellifit  Cassalula Dantal
Manufacturer	Sensable Dental
	181 Ballardvale Street
	Wilmington, MA 01887   (781) 939-7468
	(855) 872-7255
	(781) 937-8325 FAX
	www.sensabledental.com
Vendor	Sensable Dental
GSA	No
Item Number	Intellifit Scan/Design System and Production Management Console
Fabrication Material	Resin, Zirconia, PMMA
Restorative	Partial Frameworks, Copings, Crowns, Bridges, Veneers, Inlays/Onlays,
Indications	Implant Bars, Obturators, Nightguards
Scanner Type	Optical
Chairside Scanner	N
Dimensions (inches)	Not available, however accepts STL files from any scanner
Lab Scanner	0 FW v 12 FH v 10D
Dimensions (inches) Scan Speed	8.5W x 13.5H x 18D
-Chairside Scanner	N/A
-Lab Scanner	3-5 Min Per Cast
Milling Unit	
Dimensions (inches)	N/A
Milling Unit Details	Not available, but works w/ all open CAM that support STL files
Milling Speed	N/A
Software Details	Intellifit
Dongle Fee	Yes
Intraoral Scanner	AL/A
Price - Retail - Govt	N/A N/A
Lab Scanner Price	IV/A
- Retail	\$57,300 00 Includes Installation/Training
- Govt	\$57,300.00 Includes Installation/Training
Chairside Milling Unit	you, so consider the same of t
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	
Price - Retail	N/A
- Govt	N/A
Warranty Additional	1 Year
Features/Comments	\$145,000 with 3D Systems DP300 Projet Printer, S2 Scanner, Design Station w/ Haptic Device Input Device, Installation/Training, 5 Year Print Head
i catures/Committents	Warranty/Cleaning Kit. Volume discounts available.
	i wanang, oleaning tit. volume discounts available.

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*
Product	iTero CARDA ITERO
Manufacturer	Cadent, Inc. 640 Gotham Parkway Carlstadt, NJ 07071 (201) 842-0800 (201) 842-0850 FAX www.cadentinc.com
Vendor	Cadent
GSA	No
Item Number	iTero
Fabrication Material Restorative	Contact Manufacturer For Details
Indications	Vanaara Craura Bridges Inlaus Onlaus Implant Abutments
	Veneers, Crowns, Bridges, Inlays, Onlays, Implant Abutments  Laser/Optical
Scanner Type	Lasei/Optical
Chairside Scanner	Contact Manufacturar For Dataila
Dimensions (inches) Lab Scanner	Contact Manufacturer For Details
Dimensions (inches)	N/A
Scan Speed	IVA
-Chairside Scanner	1.5-2.5 Min Per Arch
-Lab Scanner	N/A
Milling Unit	TW/A
Dimensions (inches)	N/A
Milling Unit Details	N/A
Milling Speed	Contact Manufacturer For Details
Software Details	Contact Manufacturer For Details
Dongle Fee	Contact Manufacturer For Details
Intraoral Scanner	
Price - Retail	N/A
- Govt	N/A
Lab Scanner Price	
- Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Chairside Milling Unit	
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	
Price - Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Warranty	Contact Manufacturer For Details
Additional	Name provided
Features/Comments	None provided.

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*	
Product	Lava	
Manufacturer	3M ESPE	
	Building: 275-2SE-03 3M Center	
	St. Paul, MN 55144	
	(800) 634-2249	
	www.3m.com	
Vendor	3M	
GSA	Yes	
Item Number	Lava C.O.S., Lava Scan ST Design System, Lava CNC 500 Milling System	
Fabrication Material	Zirconia, Wax, Glass Ceramic	
Restorative	Full Anatomical Crowns/Bridges, Anatomically Reduced Crowns/Bridges,	
Indications	Inlays, Onlays, Implant Abutments	
Scanner Type	Optical	
Chairside Scanner		
Dimensions (inches)	13L	
Lab Scanner		
Dimensions (inches)	21.5W x 31.5H x 18.3D	
Scan Speed		
-Chairside Scanner	1 Min Per Arch	
-Lab Scanner Milling Unit	1.40 Min Per Crown	
Dimensions (inches)	42.9W x 77.2H x 33.1D	
Milling Unit Details	5 Axis	
Milling Speed	70 Units Per Cycle	
Software Details	Lava Design Software	
Dongle Fee	Yes	
Intraoral Scanner		
Price - Retail	\$26,500.00	
- Govt	\$19,499.00	
Lab Scanner Price		
- Retail	\$31,000.00	
- Govt	\$24,500.00	
Chairside Milling Unit	N/A	
Price - Retail - Govt	N/A N/A	
Lab Milling Unit	14//	
Price - Retail	\$190,000.00	
- Govt	\$95,000.00	
Warranty	1 Year	
Additional	Scan fees w/ intraoral scanner, no charge if purchased w/ scan contract	
Features/Comments	\$4,500.00 to include one year of free click fees.	
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<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

Synopsis of Dental CAD/CAM Systems*	
Product	Opensystem 105
Manufacturer	Laserdenta, Inc.
	555 West Lambert Road, Suite F
	Brea, CA 92821 (714) 255-1123
	(714) 582-1974 FAX
	www.laserdenta.com
Vendor	Laserdenta
GSA	No
Item Number	Open System 105
	Zirconia, Composite, Wax, PMMA, Nano Composite Glass Fiber Material,
Fabrication Material	Resin Materials
Restorative	Full Anatomical Crowns/Bridges, Anatomically Reduced Crown/Bridges,
Indications	Telescope Crowns, Implants, Surgical Guides
Scanner Type	3D Laser
Chairside Scanner	
Dimensions (inches)	2.25W x 1.5H x 0.5 D
Lab Scanner	
Dimensions (inches)	16.5W x 16.5H x 22D
Scan Speed	
-Chairside Scanner	12 Min Per Arch
-Lab Scanner	2 Min Per Cast
Milling Unit	00.711/ 04.011 07.00
Dimensions (inches)	30.7W x 21.3H x 27.2D
Milling Unit Details Milling Speed	5 Axis 6 Units Per Hour Full Contour
Software Details	Open Scan, Open CAD, Open CAM
Dongle Fee	No
Intraoral Scanner	110
Price - Retail	\$9,717.50
- Govt	\$6,316.38
Lab Scanner Price	
- Retail	\$31,491.38
- Govt	\$20,469.40
Chairside Milling Unit	
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	\$50.405.24
Price - Retail - Govt	\$59,495.34
- Govt Warranty	\$38,671.97
Additional	2 Years and software updates included 20 microns accuracy, 3D laser technology, 5 axis scanning and milling, all
Features/Comments	purchases includes hands on training, 24/7 technical support.
i catures/committents	purchases includes hands on training, 24/7 technical support.

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*
Product	Renishaw
Manufacturer	Renishaw, Inc. 5277 Trillium Blvd Hoffman Estates, IL 60192 (847) 286-9953 (847) 286-9974 FAX www.renishaw.com
Vendor	Renishaw
GSA	No
Item Number	Renishaw
Fabrication Material	Zirconia
Restorative	Crowns, Bridges, Inlays, Onlays, Implant Abutments, Bite Indices/Reference
Indications	Teeth, Wax-up
Scanner Type	Contact
Chairside Scanner	
Dimensions (inches)	N/A
Lab Scanner	
Dimensions (inches)	N/A
Scan Speed	
-Chairside Scanner	N/A
-Lab Scanner	Contact Manufacturer For Details
Milling Unit	
Dimensions (inches)	Contact Manufacturer For Details
Milling Unit Details	Contact Manufacturer For Details
Milling Speed	Contact Manufacturer For Details
Software Details	3i incise CAD
Dongle Fee	Contact Manufacturer For Details
Intraoral Scanner	
Price - Retail	N/A
- Govt	N/A
Lab Scanner Price	
- Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Chairside Milling Unit Price - Retail	N/A
- Govt	N/A N/A
Lab Milling Unit	IW/\(\)
Price - Retail	Contact Manufacturer For Pricing
- Govt	Contact Manufacturer For Pricing
Warranty	Contact Manufacturer For Details
Additional	Contact manufactors for Details
Features/Comments	None provided.
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Features/Comments | None provided.

\*Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

	Synopsis of Dental CAD/CAM Systems*
Product	Scan And Mill 200
Manufacturer	Bien-Air 5 Corporate Park Suite 160 Irvine, CA 92606 (800) 433-2436 (949) 477-6050 (949) 477-6051 FAX
	www.bienair.com
Vendor	Bien-Air
GSA	No
Item Number	Scan And Mill 200
Fabrication Material	Zirconium Oxide, Aluminum Oxide, Dental Ceramics, Titanium, CoCr Alloy, Acrylic Polymer Wax
Restorative	
Indications	Crowns, Bridges, Inlays, Onlays
Scanner Type	White Light Laser
Chairside Scanner	
Dimensions (inches)	N/A
Lab Scanner	
Dimensions (inches)	13.4W x 11.4H x 13D
Scan Speed	
-Chairside Scanner	N/A
-Lab Scanner	60-75 Seconds Per Cast
Milling Unit	24 F/W v 27 GH v 24 FD
Dimensions (inches)	31.5W x 27.6H x 31.5D
Milling Unit Details	3.5 Axis
Milling Speed Software Details	Rapid Feed 10 Meters Per Minute
Dongle Fee	3Shape No
Intraoral Scanner	INU
Price - Retail	N/A
- Govt	N/A
Lab Scanner Price	
- Retail	\$35,705.00
- Govt	\$29,500.00
Chairside Milling Unit	
Price - Retail	N/A
- Govt	N/A
Lab Milling Unit	
Price - Retail	\$105,562.00
- Govt	\$75,000.00
Warranty	1 Year
Additional	MULOOD allows a Utal In
Features/Comments	Mill 300 also available.

<sup>\*</sup>Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.